

EPA Region III REC Update JUNE, 2002 COMMANDER NAVY REGION MID-ATLANTIC



The REC Update presents highlights of environmental news and activities relevant to DOD environmental management in Region III. New legislation, emerging state regulations, program developments, outcomes of litigation, and announcements of conferences and training events will be covered. It is also on DENIX in News and Publications, listed under the NAVY heading of Proprietary Publications on the DOD page.

The URL is

<http://www.denix.osd.mil/denix/DOD/News/Navv/REC/rec-update.html>. You will need a DENIX account to access this page. To obtain a DENIX account, go to the DENIX Home Page at <http://www.denix.osd.mil>.

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FEEDBACK/SUBMISSIONS TO REC

We have made every effort to ensure that the information provided is accurate and that all significant Legislative, Regulatory, Federal, EPA, news and information have been included in the REC update. If you have an important issue or information that you would like to be included in our monthly update or believe that information we have provided is incorrect, please contact Emil B. Thomas at (757)-445-9982 or via email ethomas@cmar.navy.mil. Also submissions and comments can be sent to the following address below. We encourage any feedback and welcome comments about our monthly updates.

**Commander
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FEDERAL REGISTER INFORMATION/NEWS

Air Quality Criteria for Particulate Matter

EPA has released the “Third External Review Draft of the Air Quality Criteria for Particulate Matter” (EPA/600/P-99/002aC), published by the United States Environmental Protection Agency (EPA) in 2001. The document will serve as the basis for reevaluating the current National Ambient Air Quality Standards (NAAQS) for particulate matter (PM) set in 1997.

The present external review draft critically assesses the latest scientific information relative to determining the health and welfare effects associated with exposure to various concentrations of PM in ambient air. The document is not intended as a complete and detailed literature review, but it does thoroughly evaluate information relevant to PM NAAQS criteria development based on pertinent literature mainly available through December 2001.

Key findings in the study include:

- Epidemiological studies show consistent positive associations of exposure to ambient PM with health effects, including mortality and morbidity.
- Individuals with cardiovascular or pulmonary disease are more likely to suffer severe effects related to PM exposure than healthy young adults.
- Epidemiological studies indicate increased health risks associated with exposure to PM, alone or in combinations with other air pollutants.
- Only a few epidemiologic intervention studies are available, however, taken together, these studies lend confidence that further reduction of ambient air pollution exposures in the US would benefit public health. It is likely that such a reduction would bring about both respiratory and cardiovascular health benefits.
- The weight of the evidence, from exposure, dosimetry, toxicology, and epidemiology, leans toward the conclusion that PM, especially fine PM, is the primary contributor to a variety of adverse health effects associated with air pollution.

Further Information:

Dennis Kotchmar by phone at (919) 541-4158, by fax at (919) 541-0245, or by e-mail at Kotchmar.Dennis@epa.gov.

Full Text Document Location:

<http://cfpub.epa.gov/ncea/cfm/partmatt.cfm>

Water Quality Trading Policy

EPA invited comment on their proposed Policy on Water Quality Trading. Water quality trading is a voluntary, incentive-based approach to more efficiently protect and restore the nation's waters. The proposed policy addresses trading to maintain water quality in unimpaired waters, trading in impaired waters before development of a Total Maximum Daily Load (TMDL) and trading to meet TMDLs. While the focus is on nutrients and sediment, the policy also discusses the potential for trading other pollutants under certain circumstances.

The policy proposes program components that EPA believes are appropriate for state and tribal water quality trading programs to be soundly designed and to operate successfully. In addition, the proposed policy is intended to address issues left open and limitations encountered implementing projects under EPA's January 1996 Effluent Trading Policy and May 1996 draft Framework for Watershed-Based Trading (EPA 800-R-96-001).

The proposed policy is available for review at www.epa.gov/owow/watershed/trading.htm
Comments will be accepted through July 1, 2002.

Further Information:

David Batchelor, Office of Water, (202) 564-5764, batchelor.david@epa.gov, or Lynda Hall Wynn, Office of Water, (202) 564-0472, wynn.Lynda@epa.gov

Full Text Document Location:

http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2002_register&docid=fr15my02-76
http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2002_register&docid=fr15my02-76.pdf

**National Emission Standards for Hazardous Air Pollutants
Engine Test Cells/Standards**

EPA is proposing national emission standards for hazardous air pollutants (NESHAP) for engine test cells/stands. The proposed rule would apply to new or reconstructed engine test cell/stands used for testing internal combustion engines with a rated power of 25 hp (19 kW) or more which is located at a major source of HAP emissions. The rule does not apply to:

- New or reconstructed test cells/stands used for testing combustion turbine engines
- New or reconstructed test cells/stands used for testing rocket engines
- Existing engine test cells/stands that are located at major sources of HAP emissions
- Engine test cells/stands that are located at area sources of HAP emissions.

For purposes of this rule engine test cell/stand means any apparatus used for testing uninstalled stationary or uninstalled mobile (motive) engines.

The following basic standards apply to regulated facilities.

- (1) Reduce carbon monoxide emissions in the exhaust from the new or reconstructed engine test cell/stand to 5 parts per million by volume dry basis (ppmvd) or less, at 15 percent oxygen content; or
- (2) Reduce carbon monoxide emissions in the exhaust from the new reconstructed engine test cell/stand by 99.9 percent or more.

Covered facilities are required to comply within three years from final rule publication. Regulated facilities are required to install continuous emission monitoring systems (CEMS) for carbon monoxide and oxygen. Compliance is based on a rolling 4-hour average, which averaged every hour.

Comments are due July 15, 2002.

Potential Impact or Relevance:

Potential interest to facilities that do engine testing, maintenance, and overhaul.

Further information:

Jaime Pagan, Emission Standards Division, EPA, Research Triangle Park, NC (919) 541-5340, pagan.Jaime@epa.gov.

Full Text Document Location:

http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2002_register&docid=fr14my02-20
http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2002_register&docid=fr14my02-20.pdf

GENERAL EPA/DOD NEWS

WATER QUALITY

Lead And Copper Monitoring And Reporting Guidance

USEPA has posted a guidance document, "Lead and Copper Monitoring and Reporting Guidance for Public Water Systems" to its website. USEPA recognizes that the majority of systems already have monitoring programs underway but believes that systems will find the document useful in understanding the modifications to the monitoring and reporting requirements resulting from the Lead and Copper Rule Minor Revisions published January 12, 2000. The guidance document may be found at:

<http://www.epa.gov/safewater/lcrmr/finalmonitoringguidance.pdf>.

Senate OKs major overhaul of U.S. Energy Policy

WASHINGTON — The Democratic-led Senate approved legislation on April 26, 2002 to carry out the first major overhaul of U.S. energy policy in a decade, with greater focus on alternative fuels and energy conservation. The Senate bill, which passed 88 to 11 and includes \$14 billion in tax breaks and subsidies, differs greatly from energy legislation approved last year by the Republican-controlled House of Representatives. Senators rejected President George W. Bush's proposal to allow drilling in the Arctic National Wildlife Refuge (ANWR), the centerpiece of the White House's national energy plan. The House bill would allow drilling in the wildlife refuge area and has a \$33 billion package of energy tax credits and subsidies, more than double the amount in the Senate legislation. The House bill also pushes more oil, natural gas, coal, and nuclear power with less attention to alternative fuels and conservation. Senate and House negotiators are expected to spend months trying to work out differences in the two energy bills. It remains unclear if lawmakers can agree this year on a final energy package that can be sent to the White House. The Bush administration has refused to say if it would veto a bill that did not give oil firms access to the Arctic refuge. Following the Senate vote, President Bush issued a statement saying each of the Senate and House bills had elements of his administration's national energy plan. "It is imperative that America increase its energy independence, and I look forward to working with the conferees to ensure that we enact a balanced and comprehensive energy policy this year," Bush said. Republican Frank Murkowski of Alaska told his Senate colleagues the energy bill was "something we can be proud of." However, he admitted that reconciling the Senate and House bills would be a "difficult" process. Both chambers left untouched fuel-efficiency standards for automobiles and trucks that were first established in the mid-1970s, despite pleas from environmental groups and some Democrats for stricter mileage requirements to reduce oil use.

Ratification of Ship Pollution Treaty Sought

WASHINGTON, May 13, 2002 - A 1997 treaty known as MARPOL Annex VI, which would regulate the emission of nitrogen oxides and sulfur oxides from ships at sea, is being sent by the Bush administration to the U.S. Senate to be ratified. MARPOL Annex VI would help the United States meet its air quality goals by targeting emissions from certain marine engines. Emissions would be lowered by as much as 30 percent when compared to there 1990 levels. The treaty would also create a world-wide limit of 4.5 percent for the sulfur content of all marine fuels and ban intentionally releasing ozone depleting substances from vessels.

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Chlorofluorocarbons, volatile organic compounds and halons are some of the contaminants that would be regulated.

The first MARPOL treaty, which is managed by the International Maritime Organization based in London, creates international standards that regulate the disposal of waste that is generated by ships and signed in 1973. According to the U.S. State Department, in addition to moving forward on the ratification of the treaty, the Bush administration is looking to toughen the nitrogen oxide emissions standards it establishes. This will help factor in the effectiveness of control technologies that have been developed and successfully implemented since 1997, the State Department said in a statement.

The national legislatures from 15 nations must ratify Annex VI before it is enforceable. Of these nations, which are responsible for half of the world's shipping tonnage, only five have ratified the agreement. At the end of last month, the U.S. Environmental Protection Agency (EPA) drafted a proposed rule that would create U.S. nitrogen oxide standards that are similar to the ones established under Annex VI. As part of the Clean Air Act, EPA is the agency that is responsible for establishing standards within the U.S. for air emissions from large marine engines. Once public comment is received on the proposed standards, the regulations would likely come into force in 2004.

AIR QUALITY

NESHAP Source Categories

USEPA has issued a final rule promulgating amendments to the general provisions for National Emission Standards for Hazardous Air Pollutants (NESHAP) [67 FR 16581, April 5, 2002]. The amendments are a result of decisions reached in settlement negotiations conducted between petitioners as well as USEPA decisions regarding implementation of the general provisions. The final rule potentially impacts a wide range of major Hazardous Air Pollutant (HAP) sources.

Issues covered in the rule include: (1) Substantially equivalent state reconstruction review; (2) Revisions to the startup, shutdown, and malfunction plan; (3) Compliance extension request 120 days before compliance date; (4) Readily accessible readout; (5) Zero and high level calibration checks; (6) Definition of affected source and new affected source; (7) Impact of missing the section 112(j) deadline; (8) notification by permitting authority within 120 days of section 112(j) hammer date; and (9) Prohibition on backsliding. For further information, contact Rick Colyer, USEPA, Office of

Air Quality Planning and Standards, Research Triangle Park, NC, (919) 541-5262, e-mail: colyer.rick@epa.gov.

STATE NEWS

MARYLAND

Notice of Final Action

On April 25, 2002 the Secretary of the Environment adopted amendments to Regulation .01 under COMAR 26.08.03 Discharge Limitations. This action, which was proposed for adoption in 29:5 Md. R. 512 (March 8, 2002), has been adopted as proposed. Effective Date is May 27, 2002. To view the official notice please see May 17, 2002, Maryland Register, Volume 29-Issue 10, pg.827.

Water Quality

On April 25, 2002, Governor Parris Glendening signed into law H.B. 1161, which amends the statute of limitations for criminal prosecution and civil suits for violations of specified water pollution provisions. The new law states for a first offense, a person is subject to a fine not exceeding \$25,000 or imprisonment not exceeding 1 year or both. The new law also states if the conviction is for a violation committed after a first conviction, the person is subject to a fine not exceeding \$50,000 for each day of violation or imprisonment not exceeding 2 years or both. The new law becomes effective on October 1, 2002. The text may be found at: <http://mlis.state.md.us>.

Water Quality

On May 16, 2002, Governor Parris Glendening signed into law H.B. 301, which preserves, protects, and improves the water quality and natural habitats of the Atlantic Coastal Bays and specified tributaries and streams by designating specified lands and waters as critical areas that require especially sensitive consideration with regard to development. The new law changes the name of the Chesapeake Bay Critical Area Commission to the Critical Area Commission for the Chesapeake and Atlantic Coastal Bays. The text of bill along with amendments may be found at: <http://mlis.state.md.us>. The new law became effective on June 1, 2002.

State Primary Drinking Water Regulations

On May 16, 2002, Governor Parris Glendening signed into law H.B. 350, which authorizes the secretary of MDE to adopt and enforce state primary drinking water regulations for a contaminant if the secretary determines that the contaminant poses a significant risk to public health and that certain federal regulations concerning the contaminant are not in effect. The new law requires the secretary to prepare a report concerning the proposed regulation for the contaminant. The law also repeals the provision that prohibits the state primary drinking water regulations from being more stringent than certain national regulations. The law authorizes MDE to adopt and enforce state primary drinking water regulations for certain contaminants if there are not certain national drinking water regulations in effect. The text of the bill may be found at the following link: <http://mlis.state.md.us/2002rs/bills/hb/hb0350f.rtf>. The law becomes effective on October 1, 2002.

DISTRICT OF COLUMBIA

Amendments To Water Pollution Control Regulations

The DC Water Quality Division (DCWQD) had previously adopted, on an emergency basis, amendments to the water pollution control regulations at 21 DCMR 11 regarding wetlands and groundwater issues. DCWQD has now adopted the amendments as permanent. The final rule: (1) revises DC's water quality standards; (2) adds numeric criteria for Secchi Depth, Chlorophyll a, and Enterococci; (3) removes fecal coliform from the criteria, and changes the numeric criteria for arsenic and ammonia; (4) specifies the applicability of the numeric criteria for water quality and Chlorophyll a; (5) prohibits discharge of untreated raw sewage during dry weather conditions and the exceedence of numeric criteria at high flow conditions; (6) defines high flow conditions; (7) specifies discharge permit conditions; and (8) makes typographical and clarification corrections in several sections of the rules. The final rule became effective on April 5, 2002. For further information, contact Gayle England, DCWQD, (202) 535-2645.

PENNSYLVANIA

Legislative Alert

On May 16, 2002 Senate Bill 1439, was introduced and referred to the Senate Environmental Resources Committee. This bill establishes the Alternative Fuels Incentive Grant Fund and would take part of the revenue collected under the utilities gross receipts tax to use for grants to school districts, municipal authorities, political subdivisions, nonprofit entities, and corporations to meet half of the expenses relative to retrofitting vehicles to operate on alternative fuels. Included in the bill is a program to give grants for the cost to purchase and install heating, lighting or power systems operating on renewable energy sources. For more information on Senate Bill 1439 please refer to the link below:

<http://www.legis.state.pa.us/WU01/LI/BI/BT/2001/0/SB1439P2014.HTM>

VIRGINIA

Wetlands

On April 6, 2002, Governor Mark Warner signed into law H.B. 1002, which eliminates any duplication of state and federal permitting requirements for those activities covered by a federal nationwide or regional permit. The new law states that once the State Programmatic General Permit is approved by the US Army Corps of Engineers, only a state permit will be required for activities in non-tidal wetlands. The new law becomes effective on July 1, 2002. The text may be found at: <http://leg1.state.va.us>.

Dissolved Oxygen Criteria

The Virginia State Water Control Board (WCB) has approved amendments to 9 VAC 25-260-5 et seq., Water Quality Standards. The amendments update the numerical and narrative criteria for dissolved oxygen for certain waters of the Chesapeake Bay and other naturally occurring low dissolved oxygen waters. The amendments became effective on June 5, 2002. For further information, contact Elleanore Daub, WCB, (804) 698-4111.

Regulated Medical Waste Management Regulations

The Virginia Department of Environmental Quality (VDEQ) has adopted regulations at 9 VAC 20-120-10 et seq. that establish specific treatment and handling requirements for regulated medical waste. Modifications to the regulations include: (1) updating the definition of regulated medical waste, including the definition of "blood" and "body fluids;" (2) changing the requirements for on-site regulated medical waste storage facilities to eliminate the requirement for a permit by rule in lieu of complying with specific on-site storage requirements; (3) modifying regulated medical waste packaging requirements; and (4) changing the regulations to make them consistent with the rules governing the transportation of hazardous materials. The regulations became effective on June 19, 2002. For further information, contact John Ely, VDEQ, (804) 698-4249.

Amendments To The Voluntary Remediation Program

VDEQ has adopted amendments at 9 VAC 20-160-10, et seq. to clarify and make the regulations easier to understand. The remediation level section has been reorganized to clarify the Tier I, Tier II and Tier III standards for remediation. Also, the regulations have been reviewed to assure that terminology used in the regulations is consistent. Throughout the regulations, the term "remedial action" has been replaced with the term "remediation" and the term "remediation cost estimate" has been replaced with the term "cost of remediation." The regulations now clarify that land use controls approved for use at the site are considered remediation. The timeframe for VDEQ review of applications for participation has also been changed from 45 working days to 60 days. The amendments become effective on July 1, 2002. for further information, contact Melissa Porterfield, VDEQ, (804)-698-4238.

EPA provides drinking water funds for Virginia

The United States Environmental Protection Agency has awarded \$11.1 million to the Virginia Department of Health to improve drinking water systems and protect drinking water supplies. The state will contribute \$4.5 million in matching funds. "Our country has one of the best supplies of safe, clean drinking water in the world. This grant is an important step in keeping the Virginia drinking water supply healthy," said Donald S. Welsh, Regional Administrator for EPA's mid-Atlantic region.

About \$14.3 million of the funding will be used to provide 18 Virginia communities with low interest loans to fund improvements to drinking water systems that could include upgrading treatment plants, replacing distribution lines, improving pumping stations and constructing wells and transmission mains.

Additionally, the Virginia Department of Health will use about \$1.3 million of the funding to manage the loan program, to provide technical assistance to small water systems, to expand operator training and certification programs, to protect drinking water supplies from contamination and to ensure that drinking water systems remain viable. The EPA grant is from the Drinking Water State Revolving Fund authorized by the 1996 amendments to the Safe Drinking Water Act. The program emphasizes preventing contamination through source water protection and enhanced water systems management. The fund helps to ensure that public drinking water supplies remain safe and affordable, and that drinking water systems are properly operated and maintained. As communities repay their loans, the funds are available for new

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projects in Virginia. The state selects projects based on environmental, public health and technical merit. For information on the proposed community projects, please contact Thomas Gray at 804-786-1087.

WEST VIRGINIA

Air Pollution Prevention And Control Regulations

WVDEP has approved amendments to the hazardous waste treatment, storage or disposal facility air pollution prevention and control regulations at 45 CSR 25. The amendments update the rule by incorporating the counterpart federal regulations effective through May 14, 2001, which include a federal regulation vacating the notice of intent to comply provision for hazardous waste combustors. WVDEP also has approved an amendment to 45 CSR 15, which incorporates hazardous air pollutant standards promulgated by USEPA under 40 CFR Part 61. The amendment incorporates, by reference, additional provisions relating to the Consolidated Federal Air Rule: Synthetic Chemical Manufacturing Industry; and Amendments for Testing and Monitoring Provisions. The amendments become effective on July 1, 2002. For further information, contact John Benedict, WVDEP, (304) 926-3726.

Public Water Systems

The West Virginia Department of Health (WVDH) has approved revisions at 64 CSR 3, which adopt federal regulations, by reference, governing the operation of public water systems that have been enacted since January 1999. The federal regulations include: (1) interim enhanced surface water treatment rules; (2) stage 1 disinfection /disinfection by products rules; (3) revisions to the lead and copper rules; (4) revisions to the public notification rules; (5) revised radio nuclide rules; and (6) clarifications to the phase II/IV source water monitoring.

DELAWARE

Drinking Water Regulations

The Delaware Department of Public Health (DDPH) has adopted revisions to the drinking water regulations at 16 Del. C. 122. The regulations revised include the Interim Enhanced Surface Water Treatment Rule, the Disinfection By-Products Rule, Consumer Confidence Reports, Public Notification, and an MTBE standard of 0.10 mg/l. The revisions became effective on May 10, 2002. For further information, contact Ed Hallock, DDPH, (302) 739-5410.

Creation Of Case-By-Case MACT Rule

The Delaware Department of Natural Resources and Environmental Control (DDNREC) has adopted an amendment to the hazardous air pollutant regulations at Regulation 38 to create a procedure for case-by-case maximum achievable control technology (MACT) determinations. They apply to any source categories for which no federal MACT standard has been established. DDNREC staff report that the amendment is based upon USEPA's case-by-case MACT proposed rule. However, the Delaware rules are more stringent in that they require pre-construction review. The amendment became effective on May 11, 2002. The text may be found at: <http://www.state.de.us/research/register/march2002/Frame.htm>. For further information, contact Jim Snead, DDNREC, (302) 323-4542.

CHESAPEAKE BAY PROGRAM

Bay Program Gets New Director EPA Region 3 Administrator, Donald S. Welsh has announced the selection of Rebecca Hanmer as the new Director of the Chesapeake Bay Program. Rebecca is currently the Director of Region 3's Water Protection Division and brings a wealth of experience in water programs to the Bay restoration effort.

Navy Volunteers Make the Difference on 14th Annual Clean the Bay Day

Over 1400 Navy volunteers in the Hampton Roads, Virginia regional area participated in the 14th annual CLEAN THE BAY DAY on 1 June 2002. Navy volunteers comprised a major portion of the workforce and their combined efforts resulted in the collection of over 28 tons of litter and debris from beaches on the Atlantic Ocean and the Chesapeake Bay and its tributaries in Southside Virginia. "The Navy turnout in the Hampton Roads region this year was phenomenal. We really couldn't do this without the help of the military," said Sharon Smith, Clean the Bay coordinator for the Chesapeake Bay Foundation (CBF).

"Leadership for this event really came from the top down this year", said Glenn Markwith, DOD Chesapeake Bay program coordinator based in Norfolk, VA. Among the many volunteers taking part in the event were Rear Admiral David Architzel (Commander of the Navy's mid-Atlantic region) and Christine Porter (Head of the Navy's Regional Environmental Coordination Office for EPA Region III). "When you've got top management support, it's easy to make a regional event like this an overall success – I applaud each and every volunteer that participated in the effort (and hope to see them all again next year)!"

Although most of the debris collected consisted of plastic, glass, cans, Styrofoam, etc., there were some rather unusual items logged on the CBF data cards. One group reported finding an entire Port-a-John and a small sailboat, while another logged a small metal safe and a full case of beer!. All material collected was recorded, tallied and weighed, and sent to CBF for entry into their database. This data will be analyzed for trends and will help CBF concentrate efforts for future cleanups and develop strategies for reducing litter and debris in our coastal environments.

Clean the Bay Day is an annual event sponsored by the Chesapeake Bay Foundation in partnership with cities, counties and communities throughout the Chesapeake Bay region. The event is designed to bring attention to the problem of marine debris and litter in the environment and to foster continued stewardship for the bay's living resources, vital habitat and overall water quality in the bay watershed. For more information or to find out how you can participate in next year's event, contact your DOD Chesapeake Bay Program coordinator, Glenn Markwith at (757) 444-5152, email: <mailto:gmarkwith@cmar.navy.mil> or log onto the CBF website: <http://www.cbf.org/calendar/ctbd.htm>.

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RANDOM THOUGHTS

The following AUTOMOBILE TRIVIA was obtained from the Ohio Office of Pollution Prevention Website (<http://www.epa.state.oh.us/opp/consumer/carp2.html>).

- More than 80% of auto emissions come from less than 30% of the cars.
- Each year over 140 million gallons of used motor oil end up in our landfills.
- Clean out that trunk! You get four percent less gas mileage for every 100 pounds of excess cargo in your automobile, and that means increased air emissions.
- Emissions from the nation's nearly 200 million cars and trucks account for about half of all air pollution in the U.S. and more than 80 percent of air pollution in cities.
- America's cars are more efficient than ever, but our rate of fuel use continues to grow. Since 1980, the miles-per-gallon rating of passenger cars has improved 39 percent, yet fuel consumption is up 19 percent. A key reason: we are driving 50 percent more miles.

CONFERENCES/MEETINGS/TRAINING

2002 Navy Forum On Clean Air And Pollution Prevention

The 2002 Navy Forum on Clean Air and Pollution Prevention will be held 23-25 July at the Hilton Crystal City at National Airport, Arlington, Virginia. The theme is Creating Synergy to Better Support Readiness. This event combines the annual Navy Pollution Prevention (P2) and Clean Air conferences to promote better communication between the communities, enhance synergy and address opportunities that impact both.

The Naval Facilities Engineering Command (NAVFAC) is coordinating the 2002 Navy Forum on Clean Air and Pollution Prevention. The NAVFAC point of contact is Ms. Kathi Jones, NFESC423, (805) 982-4899, DSN 551-4899, or e-mail joneskf@nfesc.navy.mil or Mr. Drek Newton, (805) 982-3903, DSN 551-3903, or e-mail newtonda@nfesc.navy.mil. The N45 point of contact is Ms. Robin Hamor, (703) 604-1421, DS 664-1421 or e-mail hamor.robin@hq.navy.mil.

EPCRA/TRI Training

USEPA will conduct Emergency Planning and Community Right to Know Act and Toxics Release Inventory (EPCRA/TRI) training workshops across the country during Spring 2002. The training workshop lasts for two days and presents reporting requirements of EPCRA section 313 and PPA section 6607 and provides an update to the TRI program. For schedule information or to register visit the USEPA website at: <http://www.epa.gov/tri/report/training/registration.htm>. For further information, contact Priscilla Evans, Workshop Coordinator, (202) 260-9124, evans.priscills@epa.gov.

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USEPA Regions 1, 2, 3, & 5

USEPA Regions 1, 2, 3, & 5 continually offer training on a variety of subjects. For further information regarding the types of courses, dates, and locations, visit USEPA's training exchange website at: www.trainex.org.

Lead Paint Training

HUD is sponsoring a series of training on "lead-based paint maintenance" and "lead-based paint remodelers and renovators." The courses are scheduled to be held throughout Regions 1, 2, 3, & 5. For further information and schedule updates, visit the lead listing website at: www.leadlisting.org.

Proposed FY03 CECOS Sponsored Environmental Training schedule for Northeast, MIDLANT, Southeast and Central/Midwest Regions

Southeast Region

Basic Environmental Law	April 1-3, FY03	Pensacola, Florida
NEPA Application	Jan 14-16, FY03	Patuxent River, Maryland
Hazardous Waste RCRA Refresher	Feb 10, FY03 Mar 21, FY03 May 2, FY03 May 19, FY03 May 21, FY03 Jul 21, FY03	Gulfport, MS Roosevelt Rhoads Pensacola, Fl GITMO, Cuba Charleston, SC Gulfport, MS
HAZWOPER Refresher	May 21 FY03 Jun 5, FY03 Jul 7, FY03 Jul 17, FY03	Charleston, SC EFD Charleston, SC EFD Bethesda, Maryland Charleston, SC EFD
HAZWOPER 40hr (e)	Mar 3-7, FY03	Washington D.C.* (offering made east, west coast and Hawaii)
RCRA Generator	Feb 1-13 Feb, FY03 Mar 24-28 FY03 Jul 22-24 FY03 May 5-6, FY03 May 20-23, FY03	Gulfport, MS Roosevelt Rhoads Gulfport, MS Pensacola, Fl GITMO, Cuba
Overseas Hazardous Waste Generator	Apr 11, FY03 Apr 18, FY03 Apr 25, FY03 Jun 27, FY 03	La Madda, Italy NAS Naples NAS Sigonella NAVSTA Rota, Spain
Environmental Protection	Nov 5-8, FY02	Jacksonville, Fl

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Environmental Negotiation Workshop	May 20-22, FY03	Jacksonville, FL
Health and Environmental Risk Communication Workshop	Feb 25-27 FY03	Jacksonville, FL
Advanced Environmental Restoration	Jan 14-16 FY03	Washington, D.C.* (*only single east and west coast offering available)
Ecological Risk Assessment	Nov 19-21, FY02	Charleston, SC
Environmental Background Analysis	Jun 17-18, FY03	Washington D.C.* (only single east and west coast offering)
Environmental Geographic Information Systems	May 5-6, FY03 May 7-8, FY03	Charleston, SC Charleston, SC
Human Health Risk Assessment	Nov 5-7, FY02	Washington D.C.* (single east and west coast offering)
Munitions Response Site Management	Nov 5-7, FY02	Norfolk, VA*
Remedy Selection and Closure	Mar 12-13, FY03	Norfolk, VA*
Natural Resources Compliance	Jun 10-13, FY03	Charleston, SC
Introduction to Cultural Resource Management Laws and Regulations	Mar 18-20 FY03 Aug 19-21 FY03	Columbia, SC Guam
Historic Preservation Law and Section 106 Compliance	Apr 8-10, FY03	Pensacola, FL** (special housing offering)
EPCRA	Jan 14-16, FY03 Feb 25-27, FY03	Jacksonville, FL Norfolk
Advanced Environmental Law	Aug 11-15, FY03	Washington, D.C. (only offering)

MIDLANT Region

Basic Environmental Law	TBD	Norfolk, VA
Advanced Environmental Law	Aug 11-15, FY03	Washington, D.C.
NEPA Application	Oct 22-24, FY02	Camp LeJeune
Hazardous Waste RCRA Refresher	Dec 9, FY02 Apr 14, FY03 Jun 13, FY03	Norfolk, VA Norfolk, VA Norfolk, VA
HAZWOPER Refresher	Mar 10, FY03 Mar 11, FY03 Apr 1, FY03 Apr 8, FY03	Washington, D.C. Washington, D.C. Norfolk, VA. Puerto Rico

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	Jul 11, FY03	Bethesda, MD
HAZWOPER 40hr (e)	Mar 3-7, FY03	Washington D.C.* (offering made east, west coast and Hawaii)
RCRA Generator	Dec 2-6, FY02 Jun 16-20, FY03	Norfolk, VA. Norfolk, VA.
HW Facility Operators	Apr 7-11, FY03	Norfolk, VA.
Overseas Hazardous Waste Generator	Apr 11, FY03 Apr 18, FY03 Apr 25, FY03 Jun 27, FY 03	La Madda, Italy NAS Naples NAS Sigonella NAVSTA Rota, Spain
Environmental Protection	Jan 14-17, FY03 Mar 8-11, FY03	Norfolk, VA. Puerto Rico
Environmental Negotiation Workshop	Oct 22-24, FY03	Washington, D.C.
Health and Environmental Risk Communication Workshop	Apr 22-24, FY03	Washington, D.C.
Advanced Environmental Restoration	Jan 14-16 FY03	Washington, D.C.* (*only single east and west cost offering available)
Environmental Background Analysis	Jun 17-18, FY03	Washington D.C.* (only single east and west coast offering)
Human Health Risk Assessment	Nov 5-7, FY02	Washington D.C.* (single east and west coast offering)
Munitions Response Site Management	Nov 5-7, FY02	Norfolk, VA*
Remedy Selection and Closure	Mar 12-13, FY03	Norfolk, VA*
Introduction to Cultural Resource Management Laws and Regulations	Aug 19-21, FY03	Guam

Northeast Region

Basic Environmental Law	May 20-22, FY03	Willow Grove, PA
Advanced Environmental Law	Aug 11-15, FY03	Washington, D.C.* (east coast offering)
Hazardous Waste RCRA Refresher	Apr 3, FY03	New London, CT.
HAZWOPER Refresher	Apr 3, FY03 May 19, FY03	Philadelphia, PA. Philadelphia, PA.

NAVY REGION III REC UPDATE

HAZWOPER 40hr (e)	Mar 3-7, FY03	Washington D.C.* (offering made east, west coast and Hawaii)
Health and Environmental Risk Communication Workshop	Apr 22-24, FY03	Washington, D.C.*
Human Health Risk Assessment	Nov 5-7, FY02	Washington, D.C.*
Advanced Environmental Restoration	Jan 14-16 FY03	Washington, D.C.* (*only single east and west coast offering available)
Environmental Background Analysis	Jun 17-18, FY03	Washington D.C.* (only single east and west coast offering)
Human Health Risk Assessment	Nov 5-7, FY02	Washington D.C.* (single east and west coast offering)
EPCRA	Jan 28-30, FY03	Philadelphia, PA
Historic Preservation Law and Section 106 Compliance	Jul 8-10, FY03 Sep 23-25, FY03	West Point, N.Y. Newport, R.I.* (housing)

Central and Midwest Regions

NEPA Application	Nov 5-7, FY03	Great Lakes, Ill
RCRA Hazardous Waste Review	May 19, FY03 Jun 3, FY03	Great Lakes, Ill. Corpus Christi, TX
Hazardous Waste Generator	May 20-23, FY03	Great Lakes, Ill.
Data Quality Objectives	Summer FY03	San Antonio, TX

Military Munitions Rule 2 (MR2) Computer-Based Training (CBT)

The MR2 CBT, CD-ROM is available for shipping. The course is designed for DOD military and civilian personnel who work with waste military munitions (WMM). The instruction provides advice regarding when military munitions may become waste and specific methods to conduct WMM operations that will be consistent on all military installations. The course may be ordered online from the [Defense Ammunition Center](#) (DAC). For further information, contact Gail Ruffin, DAC, (918) 420-8818, DSN956, e-mail: ruffin@dac-emh2.army.mil.

7th Annual Joint Services P2 & Hazardous Waste Management Conference 8/19-8/22/02 San Antonio, TX

Hosted by the Air Force Center for Environmental Excellence, the conference provides an open forum for exchanging ideas, success stories, case histories and technologies related to pollution prevention (P2) and hazardous waste. Hotel and attendee registration information is available at: <http://www.p2-hwconference.com>. For further information, contact Kristen Christman, NDIA, (703) 247-2587, e-mail: kchristman@ndia.org.

NAVY REGION III REC UPDATE

USEPA Compliance Assistance Providers Forum 12/4-12/6/02 San Antonio, TX

USEPA's Office of Compliance is sponsoring the forum, which brings together compliance and environmental assistance providers to share expertise, build their skills, and network. For further information or to register, visit the forum website at:

www.mng-ltd.com/cfide/website/ncapf02/index1.htm

Natural and Cultural Resources

Environmental Conservation Training

Full Text <https://www.cecos.navy.mil/>

Location	Start Date	Start Time	Duration	Details
Seattle, WA	7/23/2002	3 Days		Cultural Resource Management
TBD,	8/5/2002	5 Days		DOD Native American Policy
Jacksonville, FL Section 106	6/11/2002	3 Days		Historic Preservation Law and
Norfolk, VA Section 106	8/20/2002	3 Days		Historic Preservation Law and
Newport, RI	7/9/2002	4 Days		Natural Resources Compliance

EPA Training on the SDWA Arsenic Rule

Full Text <http://www.epa.gov/ogwdw000/ars/arstrng.html>

Location	Start Date	Start Time	Duration	Details
Dallas, TX	6/30/2002	2 Days		

TRAINING INFO ON DENIX

DENIX has a web page dedicated to training information. With this one-stop resource you can find training by topic or by source, by any service of DOD or non-government.

Go to www.denix.osd.mil/denix

